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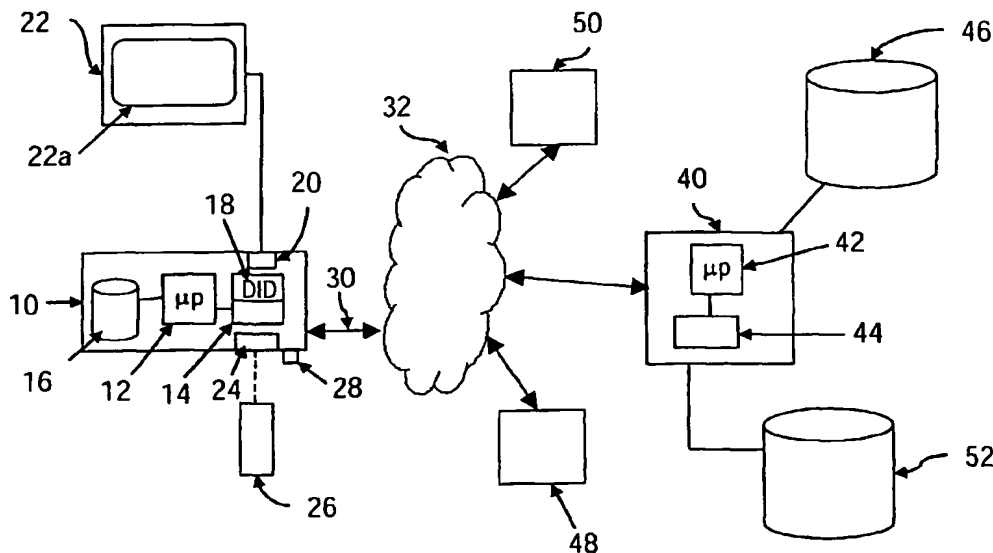
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[Continued on next page]

(54) Title: SERVER SIDE CONFIGURATION MANAGEMENT



(57) Abstract: A method and system for managing differing software configurations of Consumer Electronic (CE) devices (10) having a unique identifier (18) and network communication means (30) is described. Software options (60, 78) for types of CE device are stored in a software configuration database (46) comprising individual configuration records (70) for each identified CE device (10). The identifier (18) enables a configuration server (40) to look up that devices associated configuration record (70) and installable software options, and provide such options for download to a user's device. The server maintains the record according to user choices, and furthermore upgrades, restores or rolls back software configurations for the CE device(s) according to error detection and/or user preference.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	<p>WO 02/13464 A (BARRITT MICHAEL EWART ; GLAZEBROOK JOHN WILLIAM (GB); BARRITT STEVEN ( ) 14 February 2002 (2002-02-14)</p> <p>page 10, line 12 - line 26 page 11, line 8 - line 17 page 12, line 5 - page 13, line 26 page 14, line 13 - line 17 page 15, line 4 - line 6 page 15, line 9 - line 17 page 15, line 30 - last line page 17, line 5 - line 29</p> <p>----- -/--</p>	<p>1-3,5, 9-14, 16-23 4,6-8,15</p>



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>US 6 378 069 B1 (THIBOUTOT BERNARD ET AL) 23 April 2002 (2002-04-23)</p> <p>abstract figures 2,4,4,cont. column 2, line 59 - column 3, line 13 column 5, line 11 - line 34 column 8, line 55 - column 9, line 5 column 9, line 51 - line 65 column 10, line 25 - line 34</p>	<p>1-7, 9-13, 15-23</p>
Y	<p>US 6 023 586 A (GAISFORD CALVIN R ET AL) 8 February 2000 (2000-02-08)</p>	<p>4,6-8,15</p>
A	<p>column 17, line 48 - column 18, line 19</p> <p>column 19, line 4 - line 18 column 19, line 42 - line 53</p>	<p>1,5,11, 16,18,21</p>
A	<p>US 5 155 847 A (PORRETT WILLIAM A ET AL) 13 October 1992 (1992-10-13)</p>	

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0213464	A	14-02-2002	GB 2369958 A	12-06-2002
			AU 7651601 A	18-02-2002
			CA 2375028 A1	14-02-2002
			EP 1221226 A1	10-07-2002
			WO 0213464 A1	14-02-2002
			JP 2004506282 T	26-02-2004
			US 2002124065 A1	05-09-2002
US 6378069	B1	23-04-2002	NONE	
US 6023586	A	08-02-2000	NONE	
US 5155847	A	13-10-1992	CA 1310131 C	10-11-1992